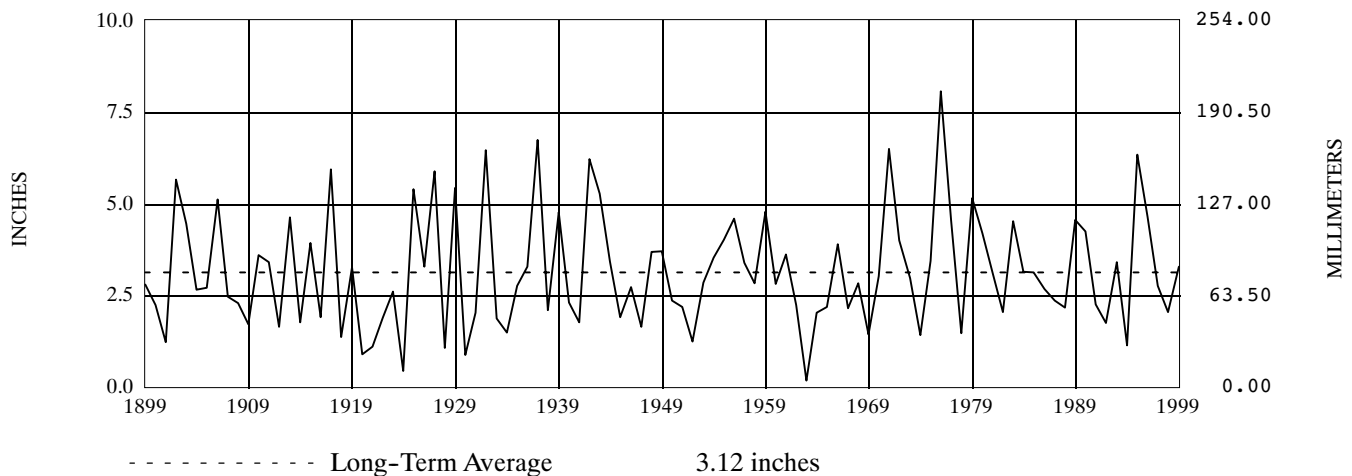


# CLIMATOLOGICAL DATA

## MARYLAND AND DELAWARE OCTOBER 1999

VOLUME 103 NUMBER 10

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MARYLAND AND DELAWARE PRECIPITATION OCTOBER, 1899-1999

### TEMPERATURE AND PRECIPITATION EXTREMES

#### MARYLAND

HIGHEST TEMPERATURE	82	OCTOBER 4	CONOWINGO DAM
LOWEST TEMPERATURE	22	OCTOBER 15	EMMITSBURG 2 SE
GREATEST TOTAL PRECIPITATION	5.53		ASSATEAGUE ISLAND
LEAST TOTAL PRECIPITATION	2.07		HAGERSTOWN POLICE BRK
GREATEST 1 DAY PRECIPITATION	3.86	OCTOBER 17	ASSATEAGUE ISLAND
GREATEST TOTAL SNOWFALL	1.0		OAKLAND 1 SE

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Asheville, North Carolina

## TEMPERATURE AND PRECIPITATION EXTREMES

### DELAWARE

HIGHEST TEMPERATURE	81	OCTOBER 3	LEWES
LOWEST TEMPERATURE	34	OCTOBER 23+	2 STATIONS
GREATEST TOTAL PRECIPITATION	5.05		LEWES
LEAST TOTAL PRECIPITATION	2.93		DOVER
GREATEST 1 DAY PRECIPITATION	1.68	OCTOBER 18	LEWES

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MONTHLY STATION AND DIVISION SUMMARY

STATION	TEMPERATURE (°F)													
	AVERAGE MAXIMUM	AVERAGE MINIMUM	AVERAGE	DEPARTURE FROM NORMAL	HIGHEST	DATE	LOWEST	DATE	HEATING DEGREE DAYS	COOLING DEGREE DAYS	NO. OF DAYS			
											MAX		MIN	
											90 OR ABOVE	32 OR BELOW	32 OR BELOW	0 OR BELOW
<b>MARYLAND</b>														
SOUTHERN EASTERN SHORE 01														
ASSATEAGUE ISLAND	69.8	52.0	60.9		81	3	40	22	158	39	0	0	0	0
PRINCESS ANNE	M	M	M		80	5	34	29+			0	0	0	0
SALISBURY	68.9	48.1	58.5	- .6	78	4+	38	8	216	23	0	0	0	0
SALISBURY FAA ARPT	68.5	44.3	56.4	-1.1	80	3	35	24+	272	11	0	0	0	0
SNOW HILL 4 N	70.6	45.0	57.8	- .1	80	3	33	15+	238	22	0	0	0	0
--DIVISIONAL DATA----->			58.4	- .3										
CENTRAL EASTERN SHORE 02														
ROYAL OAK 2 SSW	68.3	47.7	58.0	-1.1	79	16+	36	8	226	17	0	0	0	0
VIENNA	M	M	M		79	4	37	13			0	0	0	0
--DIVISIONAL DATA----->			58.0	- .8										
LOWER SOUTHERN 03														
MECHANICSVILLE 5 NE	64.9	45.5	55.2	-1.6	76	3	34	24	303	8	0	0	0	0
--DIVISIONAL DATA----->			55.2	-2.7										
UPPER SOUTHERN 04														
ANNAPOLIS POLICE BRKS	67.8	47.7	57.8	- .6	78	3	35	27	229	10	0	0	0	0
BALTIMORE WSO ARPT	R			-2.7	79	3	34	28+	336	0	0	0	0	0
BELTSVILLE	66.1	42.7	54.4	- .7	80	4	35	28+	320	3	0	0	0	0
DALECARLIA RESERVOIR	68.8	45.6	57.2	- .2	81	3	33	25	250	17	0	0	0	0
GLENN DALE BELL STN	66.3	40.1	53.2	-3.2	80	3	30	28	358	0	0	0	2	0
LAUREL 3 W	68.0	47.6	57.8	.5	81	3	37	25	226	8	0	0	0	0
MD SCI CTR BALTIMORE	R				78	3	41	25	221	11	0	0	0	0
NATIONAL ARBORETUM DC	67.6	43.1	55.4	-1.7	81	4	33	29+	299	9	0	0	0	0
UPPER MARLBORO 3 NNW	66.1	41.9	54.0	-1.2	80	4	35	29+	338	4	0	0	0	0
--DIVISIONAL DATA----->			55.7	-1.1										
NORTHERN EASTERN SHORE 05														
CHESTERTOWN	67.8	43.3	55.6	-1.9	81	3	34	28	292	4	0	0	0	0
MILLINGTON 1 SE	68.4M	45.9M	57.2M	1.0	77	3	34	9+	245	10	0	0	0	0
--DIVISIONAL DATA----->			56.4	- .9										
NORTHERN CENTRAL 06														
ABERDEEN PHILLIPS FIEL	M	M	M		72	1	35	8			0	0	0	0
CATOCTIN MOUNTAIN PARK	63.6	43.7	53.7		76	29	34	29+	344	1	0	0	0	0
CLARKSVILLE 3 NNE	66.8	39.3	53.1		80	3	31	28	367	3	0	0	3	0
CONOWINGO DAM	69.2M	43.4M	56.3M	1.2	82	4	36	25+	268	3	0	0	0	0
DAMASCUS 3 SSW	63.1	43.3	53.2		76	3	33	28+	359	0	0	0	0	0
EMMITTSBURG 2 SE	65.4	40.5	53.0	-1.3	76	31	22	15	369	1	0	0	2	0
FREDERICK POLICE BRKS	66.6	43.5	55.1		76	4+	35	28	307	5	0	0	0	0
MILLERS 4 NE	64.2	42.4	53.3		75	31+	30	28	354	0	0	0	1	0
ROCKVILLE 1 NE	65.1M	44.5M	54.8M	- .1	77	3	37	30+	309	2	0	0	0	0
WOODSTOCK	66.9	41.7	54.3	-1.1	79	3	32	28+	329	4	0	0	3	0
--DIVISIONAL DATA----->			54.1	-1.6										
APPALACHIAN MOUNTAIN 07														
CUMBERLAND 2	68.1	39.8	54.0	- .8	80	2	31	28+	335	2	0	0	2	0
CUMBERLAND POLICE BRK	66.3	39.4	52.9		76	2	29	28	370	1	0	0	5	0
FROSTBURG 2	60.5	38.7	49.6		74	3	31	29+	470	0	0	0	4	0
HAGERSTOWN POLICE BRK	66.8	42.1	54.5		77	31	30	28	322	4	0	0	1	0
SHARPSBURG 5 S	65.4M	37.4M	51.4M		78	4	29	29+	413	0	0	0	4	0
--DIVISIONAL DATA----->			52.5	-1.3										
ALLEGHENY PLATEAU 08														
OAKLAND 1 SE	64.4	35.8	50.1	.5	76	29+	24	28	454	0	0	0	15	0
SAVAGE RIVER DAM	60.5	37.2	48.9	-1.4	73	14	29	29	491	0	0	0	5	0
--DIVISIONAL DATA----->			49.5	.0										
<b>DELAWARE</b>														
NORTHERN 01														
NEWARK UNIVERSITY FARM	68.3	40.9	54.6	-1.9	78	2	34	23+	322	5	0	0	0	0
WILMINGTON WSO ARPT	R			-2.4	77	3	36	28+	340	1	0	0	0	0
WILMINGTON PORTER RSVR	62.8	45.7	54.3	-1.3	75	3	36	24	325	1	0	0	0	0
--DIVISIONAL DATA----->			54.2	-2.0										
SOUTHERN 02														
DOVER	68.0	47.6	57.8	- .8	77	4+	38	24	232	17	0	0	0	0
GREENWOOD 2 NE	66.9	43.5	55.2		80	4	34	15	301	6	0	0	0	0
LEWES	68.8	50.7	59.8	1.4	81	3	40	24+	181	27	0	0	0	0
--DIVISIONAL DATA----->			57.6	- .1										

MONTHLY STATION AND DIVISION SUMMARY

STATION	PRECIPITATION ( IN )									
	TOTAL	DEPARTURE FROM NORMAL	GREATEST DAY	DATE	SLEET, SNOW			NO. OF DAYS		
					TOTAL	MAX. DEPTH ON GROUND	DATE	.10 OR MORE	.50 OR MORE	1.00 OR MORE
<b>MARYLAND</b>										
SOUTHERN EASTERN SHORE 01										
ASSATEAGUE ISLAND	5.53		3.86	17	.0	0		5	2	2
PRINCESS ANNE	3.88	.63			.0	0		1	1	1
SALISBURY	3.97	.74	1.35	18	.0	0		6	3	2
SALISBURY FAA ARPT	5.35	1.93	2.34	17	.0	0		6	3	3
SNOW HILL 4 N	4.76	1.52	2.60	18	.0	0		6	3	1
--DIVISIONAL DATA----->	4.70	1.52			.0					
CENTRAL EASTERN SHORE 02										
ROYAL OAK 2 SSW	3.73	.58	1.09	20	.0	0		8	2	1
VIENNA	2.99	-.01	1.27	20	.0	0		5	2	1
--DIVISIONAL DATA----->	3.36	.29			.0					
LOWER SOUTHERN 03										
MECHANICSVILLE 5 NE	3.50	.07	1.13	20	.0	0		8	2	1
--DIVISIONAL DATA----->	3.50	.26			.0					
UPPER SOUTHERN 04										
ANNAPOLIS POLICE BRKS	2.60	-.71	.84	20	.0	0		6	2	0
BALTIMORE WSO ARPT R	2.48	-.50	.79	10	.0	0		5	3	0
BELTSVILLE	2.76	-.61	.63	5	.0	0		8	2	0
DALECARLIA RESERVOIR	2.35	-1.15	.76	10	.0	0		6	3	0
GLENN DALE BELL STN	2.54	-.89	.95	11	.0	0		6	2	0
LAUREL 3 W	3.46	.05	1.10	4	.0	0		7	3	1
MD SCI CTR BALTIMORE R	3.04		1.04	4	M	M		5	3	1
NATIONAL ARBORETUM DC	2.33	-.95	.63	10	.0	0		8	1	0
UPPER MARLBORO 3 NNW	2.34	-1.12	.69	11	.0	0		6	1	0
--DIVISIONAL DATA----->	2.66	-.65			.0					
NORTHERN EASTERN SHORE 05										
CHESTERTOWN	3.14	.00	.85	20+	.0	0		6	3	0
MILLINGTON 1 SE	3.24	.11	.90	20	.0	0		5	3	0
--DIVISIONAL DATA----->	3.19	.05			.0					
NORTHERN CENTRAL 06										
ABERDEEN PHILLIPS FIEL	M 3.75				.0	0		2	2	0
CATOCTIN MOUNTAIN PARK	3.19		1.46	10	.0	0		4	3	1
CLARKSVILLE 3 NNE	2.75		.82	10	.0	0		4	2	0
CONOWINGO DAM	M 3.93		.94	5	.0	0		7	1	0
DAMASCUS 3 SSW	2.92		1.15	10	.0	0		5	2	1
EMMITSBURG 2 SE	2.60	-.85	1.40	10	.0	0		4	1	1
FREDERICK POLICE BRKS	2.42		1.32	10	.0	0		5	1	1
MILLERS 4 NE	2.79		1.40	10	.0	0		4	2	1
ROCKVILLE 1 NE	2.94	-.40	.93	4	.0	0		5	3	0
WOODSTOCK	3.44	.21	1.12	10	.0	0		7	2	1
--DIVISIONAL DATA----->	2.88	-.46			.0					
APPALACHIAN MOUNTAIN 07										
CUMBERLAND 2	2.41	-.36	1.12	10	.0	0		6	1	1
CUMBERLAND POLICE BRK	2.23		1.30	10	.0	0		5	1	1
FROSTBURG 2	2.50		1.21	10	T	T		6	1	1
HAGERSTOWN POLICE BRK	2.07		1.50	10	.0	0		4	1	1
SHARPSBURG 5 S	2.11				M .0	0		3	0	0
--DIVISIONAL DATA----->	2.26	-.91			.0					
ALLEGHENY PLATEAU 08										
OAKLAND 1 SE	3.34	.15	1.42	10	1.0	T		7	2	1
SAVAGE RIVER DAM	2.36	-.57	1.14	10	.0	0		6	1	1
--DIVISIONAL DATA----->	2.85	-.32			.5					
<b>DELAWARE</b>										
NORTHERN 01										
NEWARK UNIVERSITY FARM	3.64	.47	1.10	10	.0	0		6	3	1
WILMINGTON WSO ARPT R	3.42	.54	1.23	4	M	M		5	3	1
WILMINGTON PORTER RSVR	4.05	.75	1.29	10	.0	0		6	3	1
--DIVISIONAL DATA----->	3.70	.57			.0					
SOUTHERN 02										
DOVER	2.93	-.33	1.03	20	.0	0		5	2	1
GREENWOOD 2 NE	3.64		.98	21	.0	0		7	3	0
LEWES	5.05	1.88	1.68	18	.0	0		5	4	3
--DIVISIONAL DATA----->	3.87	.64			.0					

DAILY PRECIPITATION ( INCHES )

STATION	TOTAL	DAY OF MONTH														
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
<b>MARYLAND</b>																
SOUTHERN EASTERN SHORE 01	5.53				.18	.01										
ASSATEAGUE ISLAND	3.88									*	.11	.03				
PRINCESS ANNE	3.97				.05	.10					*	.18	.19	T		
SALISBURY	5.35			T	.29	.05						1.16	.10			
SALISBURY FAA ARPT	4.76				.19	.12						.14	.07			
SNOW HILL 4 N																
CENTRAL EASTERN SHORE 02	3.73				.17	.43						.60	.19			
ROYAL OAK 2 SSW	2.99				.17											.29
VIENNA																
LOWER SOUTHERN MECHANICSVILLE 5 NE 03	3.50				.37	.21					T	.53	T			.10
UPPER SOUTHERN ANNAPOLIS POLICE BRKS 04	2.60				.21	.09						.77	.10			.02
BALTIMORE WSO ARPT R	2.48				.71						.06	.79	T		.04	
BELTSVILLE	2.76				.31	.63						.51	.41			.03
DALECARLIA RESERVOIR	2.35		.01		.66	.10						.76				.05
GLENN DALE BELL STN	2.54					.54							.95			.03
LAUREL 3 W	3.46				1.10	.25					.03	.87				.10
MD SCI CTR BALTIMORE R	3.04				1.04						.07	.92			.03	
NATIONAL ARBORETUM DC	2.33				.12	.35						.63	.27			
UPPER MARLBORO 3 NNW	2.34					.36							.69			.03
NORTHERN EASTERN SHORE 05	3.14				.54	.10					.02	.85				
CHESTERTOWN	3.24				.51	.23						.72				
MILLINGTON 1 SE																
NORTHERN CENTRAL ABERDEEN PHILLIPS FIEL CATOCTIN MOUNTAIN PARK 06	M 3.75		*	*	.44	.92					*	*	*	1.27		
CLARKSVILLE 3 NNE	3.19				.66	.57					.02	1.46	.09			.09
CONOWINGO DAM	2.75				.76						.07	.82	.01		.04	.01
DAMASCUS 3 SSW	M 3.93				.33	.94		-			*	.92	.34			.03
EMMITSBURG 2 SE	2.92				.75	.02					.12	1.15	T			.07
FREDERICK POLICE BRKS	2.60				.45	.40					T	1.40	T			.05
MILLERS 4 NE	2.42				.45	.22						1.32	.10			
POTOMAC FILTER PLANT	2.79				.60	.30					.02	1.40	T			.07
ROCKVILLE 1 NE	3.10	.03			.98	.21					.04	.73				.06
WOODSTOCK	2.94				.93						.05	.89	T		.09	.02
APPALACHIAN MOUNTAIN 07	3.44				.71	.40						1.12	.01			.03
CUMBERLAND 2	2.41				.37	.17						1.12	.11			.44
CUMBERLAND POLICE BRK	2.23				.39	.12						1.30				.19
FROSTBURG 2	2.50	T			.44	.05						1.21	.12			.26
HAGERSTOWN POLICE BRK	2.07				.10	.22					T	1.50				
SHARPSBURG 5 S	2.11				.42	.41						*	.99			.02
ALLEGHENY PLATEAU 08	3.34				.79	.10					.05	1.42	.15		.21	
OAKLAND 1 SE	2.36				.40	.20						1.14	.14			.23
SAVAGE RIVER DAM																
<b>DELAWARE</b>																
NORTHERN NEWARK UNIVERSITY FARM 01	3.64				.64	.42		.02				1.10				
WILMINGTON WSO ARPT R	3.42				1.23	.01					.03	.76				T
WILMINGTON PORTER RSVR	4.05				.94	.25					.02	1.29	.01			
SOUTHERN DOVER 02	2.93				.09	.29						.40	.02			
GREENWOOD 2 NE	3.64					.67						.11	.33			
LEWES	5.05				1.02			.03				.19	.07			

DAILY PRECIPITATION ( INCHES )

STATION	DAY OF MONTH															
	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
<b>MARYLAND</b>																
SOUTHERN EASTERN SHORE 01		3.86	.21		1.11		.01									.01
ASSATEAGUE ISLAND	*	*	2.41		1.27											
PRINCESS ANNE		.82	1.35		1.20	.07		.01								
SALISBURY	T	2.34	.21		1.20		T									
SALISBURY FAA ARPT		.61	2.60		.90	.08		.05								
SNOW HILL 4 N																
CENTRAL EASTERN SHORE 02		.39	.45		1.09		.03	.38								
ROYAL OAK 2 SSW		.40	.84		1.27			.02								
VIENNA																
LOWER SOUTHERN MECHANICSVILLE 5 NE 03		.36	.38	T	1.13	.06		.36	T							
UPPER SOUTHERN ANnapolis POLICE BRKS 04		.07	.26		.84			.24	T							
BALTIMORE WSO ARPT R		.14		T	.50		.23	.01								
BELTSVILLE			.26		.24	.26		.11								
DALECARLIA RESERVOIR		.05	.10		.52	.10										
GLENN DALE BELL STN			.22		.26	.38		.16								
LAUREL 3 W		.43			.56		.12									
MD SCI CTR BALTIMORE R		.32			.52		.13	.01								
NATIONAL ARBORETUM DC	.02		.18		.27	.33		.16								
UPPER MARLBORO 3 NNW			.31		.43	.34		.18								
NORTHERN EASTERN SHORE 05																
CHESTERTOWN		.29	.04	T	.85		.40	.05								
MILLINGTON 1 SE			.43		.90		*	*	*	*	*	*	*	.45		
NORTHERN CENTRAL ABERDEEN PHILLIPS FIEL 06	*	*	.19		.64			*	*	.29					-	-
CATOCTIN MOUNTAIN PARK			.01		.24		.04	.01								
CLARKSVILLE 3 NNE		.49	.01		.47		.06	.01								
CONOWINGO DAM			.35		.25	.38		.37	.02							
DAMASCUS 3 SSW		.26		T	.46		.09	T								
EMMITSBURG 2 SE			.05		.25											T
FREDERICK POLICE BRKS					.33											
MILLERS 4 NE		.03	.05		.29		T	.03								
POTOMAC FILTER PLANT		.34	.04	.02	.50		.15									
ROCKVILLE 1 NE		.35		T	.50		.11									
WOODSTOCK		.10	.46		.48			.13								
APPALACHIAN MOUNTAIN 07																
CUMBERLAND 2					.19			.01								
CUMBERLAND POLICE BRK					.19				.04							
FROSTBURG 2					.22			.07	.10	.03						
HAGERSTOWN POLICE BRK					.25											
SHARPSBURG 5 S			T		.22	.03		.02		T						
ALLEGHENY PLATEAU 08																
OAKLAND 1 SE					.22			.07	.33							
SAVAGE RIVER DAM					.16			.02	.07							
<b>DELAWARE</b>																
NORTHERN NEWARK UNIVERSITY FARM 01		.03	.22		.78		.43									
WILMINGTON WSO ARPT R		.29	.02		.75		.32	.01								
WILMINGTON PORTER RSVR		.28		.01	.95		.26	.04								
SOUTHERN DOVER 02	T		.63		1.03	.05		.42								
GREENWOOD 2 NE			.95		.30	.98		.30								
LEWES		.62	1.68		1.29	.06		.08	.01							

DAILY TEMPERATURES (°F)

STATION	OB. TIME	MAX/MIN	DAY OF MONTH														
			1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
<b>MARYLAND</b>																	
SOUTHERN EASTERN SHORE 01																	
ASSATEAGUE ISLAND	07	MAX	74	77	81	79	67	70	62	70	77	70	76	71	77	67	68
		MIN	54	55	65	66	50	49	47	46	59	65	57	57	64	51	49
PRINCESS ANNE	17	MAX	72				80		66	69			77	77	75	72	68
		MIN	42				50		35	34			46	45	42	58	34
SALISBURY	17	MAX	72	76	78	78	69	66	65	68	73	70	75	69	73	71	67
		MIN	48	51	61	67	51	41	45	38	52	63	67	47	49	47	40
SALISBURY FAA ARPT	MID	MAX	72	77	80	77	65	66	61	68	73	70	76	70	73	66	67
		MIN	44	47	61	63	41	37	38	35	50	60	50	46	45	39	37
SNOW HILL 4 N	17	MAX	74	78	80	79	76	68	66	69	76	71	77	73	76	71	68
		MIN	42	46	61	67	52	37	44	33	44	61	67	43	43	51	33
CENTRAL EASTERN SHORE 02																	
ROYAL OAK 2 SSW	18	MAX	71	76	79	76	68	68	64	66	71	69	75	70	73	69	68
		MIN	46	51	63	61	51	39	41	36	57	62	67	44	49	54	37
VIENNA	18	MAX	74	75	76	79	67								76	69	69
		MIN	46	52	54	63	48								37	55	39
LOWER SOUTHERN MECHANICSVILLE 5 NE 03																	
UPPER SOUTHERN ANNAPOLIS POLICE BRKS 04																	
	19	MAX	69	72	76	68	66	64	59	64	71	69	74	69	69	64	62
		MIN	43	47	55	62	50	38	44	37	50	62	67	43	45	54	35
	17	MAX	72	77	78	73	68	68	66	64	70	72	74	72	70	69	60
		MIN	49	47	57	66	52	42	48	44	56	55	60	47	47	56	42
		OBS												65	65		
BALTIMORE WSO ARPT	MID	MAX	71	75	79	70	56	68	59	65	69	68	76	67	70	62	62
		MIN	45	48	51	53	41	39	40	37	50	62	48	43	43	40	36
BELTSVILLE	08	MAX	68	73	77	80	68	58	70	60	67	71	69	75	68	72	60
		MIN	43	47	50	54	48	39	43	38	40	55	63	44	44	45	37
DALECARLIA RESERVOIR	17	MAX	74	76	81	78	66	70	66	68	73	70	76	72	73	68	66
		MIN	54	49	54	60	48	41	41	37	50	67	64	44	44	40	39
		OBS												49			
GLENN DALE BELL STN	16	MAX	72	77	80	68	56	68	59	66	69	68	76	69	71	64	66
		MIN	40	45	50	55	37	35	37	35	48	61	45	39	41	37	33
LAUREL 3 W	MID	MAX	75	78	81	69	65	70	62	68	71	71	77	70	72	65	65
		MIN	50	58	57	61	45	43	42	53	57	55	49	49	49	47	40
MD SCI CTR BALTIMORE	MID	MAX	73	77	78	70	55	69	59	64	72	69	76	66	72	64	61
		MIN	52	57	59	53	49	46	46	47	54	64	59	53	50	46	
NATIONAL ARBORETUM DC	07	MAX	69	74	77	81	70	59	70	61	69	72	69	78	70	73	63
		MIN	44	44	56	58	49	38	39	37	38	60	63	43	43	45	36
UPPER MARLBORO 3 NNW	08	MAX	68	72	76	80	69	57	70	61	66	70	68	77	68	71	61
		MIN	44	44	47	55	49	38	38	36	36	55	63	44	43	44	35
NORTHERN EASTERN SHORE 05																	
CHESTERTOWN	23	MAX	74	79	81	70	62	70	59	67	73	67	75	71	75	67	67
		MIN	45	50	57	59	42	38	38	35	50	55	49	42	45	41	35
MILLINGTON 1 SE	18	MAX	71	75	77	68	66	66	65	64	72	68	75	68	72		
		MIN	44	48	56	59	49	38	38	34	34	61	65	42	43		
NORTHERN CENTRAL ABERDEEN PHILLIPS FIEL 06																	
	16	MAX	72			70	67	68	67	65				67	70	69	63
		MIN	46			62	49	39	41	35				42	46	53	36
CATOCTIN MOUNTAIN PARK	17	MAX	69	74	74	66	61	63	57	61	68	67	66	67	69	65	61
		MIN	47	52	55	56	40	41	35	38	50	64	42	44	50	43	39
CLARKSVILLE 3 NNE	17	MAX	72	76	80	68	61	68	60	65	70	76	76	69	71	67	64
		OBS														53	
CONOWINGO DAM	MID	MAX	76	76	80	82	61										
		OBS	46														
		MIN	42	45	50	49	42	42	50	61	51	44	44	44	42	36	
		OBS				58	50										
DAMASCUS 3 SSW	22	MAX	70	74	76	65	59	64	55	64	68	66	71	65	69	59	62
		OBS															
		MIN	42	48	52	58	45	38	37	39	49	60	51	41	46	43	35
EMMITSBURG 2 SE	17	MAX	70	74	74	73	64	65	62	68	70	71	68	69	67	61	
		MIN	39	43	48	55	44	35	35	33	50	61	58	38	43	49	22
FREDERICK POLICE BRKS	17	MAX	72	75	76	76	64	68	64	63	68	70	73	69	70	70	62
		MIN	46	46	46	45	46	40	41	38	38	62	64	43	46	50	36
		OBS															
MILLERS 4 NE	18	MAX	69	74	75	70	61	64	62	63	69	67	69	67	70	64	61
		MIN	41	46	51	57	44	35	34	34	51	60	61	39	45	47	33
ROCKVILLE 1 NE	MID	MAX		74	77	68	56	68	58	62	69	69	73	66	71	61	63
		MIN		49	55	51	42	41	41	38	53	63	52	45	45	42	37
WOODSTOCK	18	MAX	74	76	79	74	64	69	62	65	71	69	74	68	70	67	62
		MIN	41	44	49	56	45	35	38	33	48	61	64	46	40	48	32
APPALACHIAN MOUNTAIN 07																	



DAILY TEMPERATURES ( °F )

STATION	DAY OF MONTH																AVERAGE
	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
<b>MARYLAND</b>																	
SOUTHERN EASTERN SHORE 01																	
ASSATEAGUE ISLAND	76	69	67	71	65	65	67	60	58	64	67	68	65	68	71	76	69.8
	64	66	52	49	52	42	40	45	46	45	49	49	43	42	42	51	52.0
PRINCESS ANNE			79	68		64	66			61	66		65	69			M
			51	38		44	35			38	46		36	34			M
SALISBURY	77	74	67	67	65	63	65	64	56	60	65	64	63	68	73	75	68.9
	48	60	56	44	54	46	40	45	41	40	44	44	41	39	41	41	48.1
SALISBURY FAA ARPT	77	69	66	68	59	65	66	59	57	60	67	65	65	70	74	77	68.5
	46	60	46	42	51	40	36	40	35	40	43	41	39	36	38	46	44.3
SNOW HILL 4 N	76	73	68	68	66	64	68	64	57	63	68	65	66	73	71	78	70.6
	44	57	55	39	51	42	34	40	34	36	43	41	39	35	37	45	45.0
CENTRAL EASTERN SHORE 02																	
ROYAL OAK 2 SSW	79	69	65	62	59	63	66	60	59	61	67	63	62	70	73	77	68.3
	45	54	54	39	51	42	42	42	44	43	48	43	38	41	43	51	47.7
VIENNA	77	77	67	67	63	63	61	63	57				67				M
	47	57	54	42	51	42	47	44	39				48				M
LOWER SOUTHERN 03																	
MECHANICSVILLE 5 NE	70	66	64	59	56	60	63	56	54	56	63	62	58	66	68	75	64.9
	43	59	54	38	51	41	39	41	34	35	41	40	35	38	40	50	45.5
UPPER SOUTHERN 04																	
ANNAPOLIS POLICE BRKS	72	70	66	64	56	64	64	62	66	58	66	68	61	71	66	75	67.8
													75	59			
	48	56	46	46	52	46	46	44	38	40	45	35	38	40	42	49	47.7
BALTIMORE WSO ARPT	72	68	63	56	54	62	64	55	57	59	65	63	59	72	70	73	65.5
	41	51	44	37	48	40	37	41	36	36	34	37	34	36	39	44	42.3
BELTSVILLE	64	73	67	63	57	54	63	66	54	56	63	67	62	61	71	73	66.1
	39	46	54	40	44	41	38	39	35	35	35	39	35	36	38	41	42.7
DALECARLIA RESERVOIR	75	71	66	61	57	62	67	64	55	64	68	63	62	72	73	76	68.8
	43	54	54	46	49	40	40	39	34	33	38	41	36	39	41	56	45.6
													59				
GLENN DALE BELL STN	75	66	62	57	52	63	67	56	55	61	67	64	61	72	73	76	66.3
	40	50	40	35	48	36	37	34	34	32	37	35	30	34	37	45	40.1
LAUREL 3 W	75	69	65	59	54	64	71	57	57	63	67	65	62	73	75	74	68.0
	53	55	49	42	49	44	44	42	39	37	43	47	40	45	45	54	47.6
MD SCI CTR BALTIMORE	71	68	64	57	56	62	64	57	57	60	66	62	58	68	67	74	65.7
	51	58	50	46	52	50	46	44	42	41	44	50	45	46	50	53	50.2
NATIONAL ARBORETUM DC	67	76	69	64	60	55	64	68	54	57	63	68	66	64	72	74	67.6
	38	53	55	39	40	40	39	42	38	35	35	39	33	33	37	46	43.1
UPPER MARLBORO 3 NNW	64	75	66	63	59	53	62	65	55	57	60	66	62	62	73	72	66.1
	35	44	52	38	39	41	40	41	37	37	36	41	35	35	37	40	41.9
NORTHERN EASTERN SHORE 05																	
CHESTERTOWN	78	68	63	60	55	64	68	57	58	61	67	63	63	71	74	74	67.8
	42	50	45	37	48	40	41	44	40	37	43	39	34	37	39	44	43.3
MILLINGTON 1 SE	74	70	63	60	60	59								68	71	72	68.4
	41	52	53	38	52	40								37	40	46	45.9
NORTHERN CENTRAL 06																	
ABERDEEN PHILLIPS FIEL			61	60	56	60	64			59	62	62	58	68			M
			53	38	50	39	40			37	44	37	37	36			M
CATOCTIN MOUNTAIN PARK	66	67	59	55	50	57	58	58	52	58	65	62	57	76	71	74	63.6
	46	54	45	37	34	38	41	39	37	35	36	45	34	34	52	51	43.7
CLARKSVILLE 3 NNE	74	66	63	56	54	62	65	56	57	61	67	63	60	76	72	76	66.8
CONOWINGO DAM	38	48	39	34	45	36	34	40	37	32	33	35	31	33	36	41	39.3
		75	67	61	60	65	68	59	65	66	70	65	66	70	72		69.2
						55		45				50					
		51	43	39	47	42	40	40	40	36	40	40	37	37	44		43.4
DAMASCUS 3 SSW	69	63	60	54	52	58	60	51	53	58	64	59	57	71	69	72	63.1
			50														
EMMITSBURG 2 SE	44	52	44	38	46	37	40	39	37	33	39	39	33	41	46	51	43.3
	68	66	66	59	55	58	60	55	55	59	65	65	58	71	70	76	65.4
	36	46	46	35	47	35	36	41	41	34	37	33	29	33	35	39	40.5
FREDERICK POLICE BRKS	66	68	68	65	55	59	61	55	56	60	65	66	65	72	72	73	66.6
	42	46	50	40	47	40	40	42	41	39	39	39	35	40	40	40	43.5
		66															
MILLERS 4 NE	69	67	62	54	52	60	59	53	54	56	64	58	57	74	71	75	64.2
	41	50	48	33	47	35	39	39	37	34	37	39	30	37	44	47	42.4
ROCKVILLE 1 NE	72	65	63	56	55	60	65	52	54	63	67	61	63	71	74	76	65.1
	43	52	43	41	48	43	44	42	40	37	41	42	44	38	37	47	44.5
WOODSTOCK	73	72	63	58	54	61	65	60	56	61	66	61	60	74	71	76	66.9
	38	49	48	35	48	37	34	40	34	32	34	37	32	33	38	43	41.7
APPALACHIAN MOUNTAIN 07																	

DAILY TEMPERATURES (°F)

STATION	OB. TIME	MAX/MIN	DAY OF MONTH														
			1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
CUMBERLAND 2	17	MAX	74	80	76	71	62	69	64	69	67	72	73	69	77	72	68
		MIN	40	44	50	44	37	37	37	38	53	61	57	40	44	33	33
		OBS											40				
CUMBERLAND POLICE BRK	17	MAX	71	76	73	72	62	64	63	64	68	72	71	65	74	72	64
		MIN	37	37	48	42	43	34	33	34	51	60	58	37	41	46	31
FROSTBURG 2	07	MAX	58	66	74	72	61	52	61	56	64	65	67	64	63	72	51
		MIN	43	44	45	52	40	37	33	31	41	53	57	37	37	40	33
HAGERSTOWN POLICE BRK	17	MAX	73	75	76	75	65	69	65	63	71	71	72	72	72	72	62
		MIN	42	45	51	57	44	37	40	44	43	61	61	40	41	40	35
		OBS															
SHARPSBURG 5 S	07	MAX	67	74	77	78	65	60	70	60	64			72	68	73	61
		MIN	40	41	46	50	42	36	36	35	40			39	39	50	33
ALLEGHENY PLATEAU OAKLAND 1 SE	17	MAX	66	75	72	71	59	60	62	68	68	66	64	64	72	70	65
		MIN	35	33	38	54	38	32	30	32	53	57	57	32	39	39	29
SAVAGE RIVER DAM	08	MAX	61	68	72	71	59	55	61	56	62	65	66	67	61	73	54
		OBS					71										
		MIN	39	39	41	48	43	35	35	35	37	51	59	36	36	42	31
<b>DELAWARE</b>																	
NORTHERN NEWARK UNIVERSITY FARM	17	MAX	73	78	76	75	71	67	66	68	72	68	74	69	74	71	74
		MIN	43	52	51	47	41	37	36	35	34	60	65	41	44	39	34
WILMINGTON WSO ARPT	MID	MAX	69	74	77	68	54	67	56	63	71	67	73	66	73	66	60
		MIN	45	50	54	51	40	38	36	36	54	61	51	43	43	41	36
WILMINGTON PORTER RSVR	MID	MAX	69	73	75	68	52	63	54	62	71	66	71	65	71	65	59
		MIN	47	51	57	51	43	43	39	38	55	61	55	46	46	42	39
SOUTHERN DOVER																	
GREENWOOD 2 NE	07	MAX	70	75	77	77	67	66	66	64	74	74	74	73	72	71	71
		MIN	50	55	59	63	49	41	41	39	56	62	65	46	45	45	43
LEWES	17	MAX	74	77	81	78	70	68	66	65	74	70	73	70	75	72	66
		MIN	49	54	64	67	52	45	48	40	40	63	68	58	49	56	45

DAILY TEMPERATURES ( °F )

STATION	DAY OF MONTH																AVERAGE
	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
CUMBERLAND 2	74	69	66	57	57	64	63	54	50	65	69	64	65	78	76	78	68.1
	39	47	36	34	34	34	34	41	40	34	34	31	31	36	39	42	39.8
CUMBERLAND POLICE BRK	69	69	69	55	55	60	61	57	48	61	66	66	66	73	73	75	66.3
	39	45	48	33	46	32	32	40	40	39	33	31	29	34	34	34	39.4
FROSTBURG 2	61	68	71	53	53	50	57	57	43	43	56	62	55	57	73	70	60.5
	35	40	42	33	36	34	32	35	35	34	34	35	31	31	46	45	38.7
HAGERSTOWN POLICE BRK	69	69	65	60	56	60	57	56	56	60	67	64	59	72	72	77	66.8
	35	50	46	39	39	34	39	42	39	35	37	39	30	35	39	45	42.1
		35									25						
SHARPSBURG 5 S	64	70	67	62	56	55	63	61	54	55	63	69	61	61	76	72	65.4
	33	45	49	34	36	34	33	36	34	30	30	34	29	29	34	37	37.4
ALLEGHENY PLATEAU 08																	
OAKLAND 1 SE	72	76	73	54	52	56	57	53	38	55	60	58	66	76	75	74	64.4
	32	35	42	27	43	28	31	35	33	32	30	25	24	28	31	35	35.8
SAVAGE RIVER DAM	55	65	71	56	52	51	57	59	44	42	56	62	57	57	71	69	60.5
	31	38	38	33	33	32	33	35	38	36	34	33	30	29	36	38	37.2
<b>DELAWARE</b>																	
NORTHERN 01																	
NEWARK UNIVERSITY FARM	72	73	66	64	58	61	66	60	55	61	67	64	61	72	70	72	68.3
	41	49	37	35	40	41	36	34	35	35	37	36	36	39	39	40	40.9
WILMINGTON WSO ARPT	71	67	63	57	54	59	62	55	56	55	65	61	57	67	67	68	64.1
	42	55	43	38	48	40	38	41	37	39	42	40	36	39	42	50	43.5
WILMINGTON PORTER RSVR	68	68	62	55	52	57	61	53	54	55	63	58	55	67	68	68	62.8
	47	53	47	40	49	43	42	42	36	38	43	47	38	41	46	51	45.7
SOUTHERN 02																	
DOVER	73	73	68	61	57	61	64	64	55	58	67	66	61	68	68	73	68.0
	48	59	45	43	51	44	41	43	38	40	46	46	39	41	43	50	47.6
GREENWOOD 2 NE	67	76	67	63	64	54	62	66	55	57	58	66	64	64	71	74	66.9
	45	49	54	40	39	44	40	41	39	38	41	42	39	39	39	41	43.5
LEWES	74	71	68	63	63	59	66	62	56	60	68	65	60	71	69	78	68.8
	49	60	56	49	54	48	43	47	40	41	46	51	49	43	44	53	50.7

EVAPORATION AND WIND

STATION		DAY OF MONTH														
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
<b>MARYLAND</b> UPPER SOUTHERN 04 BELTSVILLE	WIND	39	*	*	111	64	50	50	35	*	*	*	169	*	*	*
	EVAP	20	*	*	56	10	10	12	12	*	*	*	32	*	*	*
	MAX	70	-	-	80	65	58	66	65	-	-	-	74	-	-	-
	MIN	47	-	-	47	48	41	42	42	-	-	-	43	-	-	-

Evaporation: Is measured in hundredths of inches

Wind: Is measured in miles

Max and Min: The maximum and minimum temperatures (Fahrenheit) of the water in the evaporation pan

EVAPORATION AND WIND

STATION	DAY OF MONTH																TOTAL OR AVERAGE
	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
<b>MARYLAND</b>																	
UPPER SOUTHERN 04																	
BELTSVILLE	256	*	90	84	28	*	*	*	*	254	37	31	*	71	*	46	1415
	52	*	10	19	4	*	*	*	*	40	9	10	*	20	*	18	3.34
	70	-	69	64	55	-	-	-	-	64	60	62	-	72	-	68	M
	38	-	44	40	40	-	-	-	-	36	36	38	-	37	-	38	M

Evaporation: Is measured in hundredths of inches

Wind: Is measured in miles

Max and Min: The maximum and minimum temperatures (Fahrenheit) of the water in the evaporation pan

SNOWFALL AND SNOW ON GROUND ( INCHES )

STATION		DAY OF MONTH														
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
<b>MARYLAND</b>																
MARYLAND																
APPALACHIAN																
MOUNTAIN	07															
FROSTBURG 2																
		SNOWFALL														
		SN ON GND														
ALLEGHENY PLATEAU	08															
OAKLAND 1 SE																
		SNOWFALL														
		SN ON GND														

Snowfall: Includes snow and ice. Values for NWS stations (J index note) are Mid - Mid (LST).  
 Snow on ground: Includes snow, sleet, ice and hail. Values for NWS stations (J index note) are observed at 12 UTC (GMT).  
 Water Equivalent: Given for NWS stations (J index note) only, when snow depth is 2 inches or more, and is measured at 18 UTC (GMT).

SNOWFALL AND SNOW ON GROUND ( INCHES )

STATION	DAY OF MONTH															
	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
<b>MARYLAND</b> MARYLAND APPALACHIAN MOUNTAIN            07 FROSTBURG 2  ALLEGHENY PLATEAU   08 OAKLAND 1 SE																
									T							
								T	1.0							
								T								

Snowfall: Includes snow and ice. Values for NWS stations (J index note) are Mid - Mid (LST).  
 Snow on ground: Includes snow, sleet, ice and hail. Values for NWS stations (J index note) are observed at 12 UTC (GMT).  
 Water Equivalent: Given for NWS stations (J index note) only, when snow depth is 2 inches or more, and is measured at 18 UTC (GMT).

STATION INDEX

STATION	INDEX NO.	DIVISION	COUNTY	LATITUDE	LONGITUDE	ELEVATION (IN FEET)	OBSERVATION TIME AND TABLES				OBSERVER
							LOCAL STD TIME				
							TEMP	PRECIP	EVAP	SPECIAL SEE (NOTES)	
<b>MARYLAND</b>											
ABERDEEN PHILLIPS FIEL	0015	06	HARFORD	39 28	76 10W	57	16	16		C H	PHILLIPS ARMY AIRFIELD
ANNAPOLIS POLICE BRKS	0193	04	ANNE ARUNDEL	39 0	76 31W	25	17	17		H	ANNAPOLIS POLICE BRKS
ASSATEAGUE ISLAND	0335	01	WORCESTER	38 4	75 13W	10	07	07		H	NATIONAL PARK SERVICE
BALTIMORE WSO ARPT	0465	04	ANNE ARUNDEL	39 10	76 41W	148	MID	MID		C HJ	NATL WEATHER SERVICE
BELTSVILLE	0700	04	PRINCE GEORG	39 2	76 53W	145	08	08	08	C H	AGRI RESEARCH CTR EAST
CATOCTIN MOUNTAIN PARK	1530	06	FREDERICK	39 39	77 29W	1610	17	17		H	CATOCTIN MOUNTAIN PARK
CHESTERTOWN	1750	05	KENT	39 13	76 4W	40	23	23		H	THOMAS W ELIASON JR
CLARKSVILLE 3 NNE	1862	06	HOWARD	39 15	76 56W	370	17	17		H	CMREC - CLARKSVILLE
CONOWINGO DAM	2060	06	HARFORD	39 39	76 10W	40	MID	MID		H	SUSQUEHANNA ELECTRIC CO
CUMBERLAND 2	2282	07	ALLEGANY	39 38	78 45W	730	17	07		H	TIMOTHY B THOMAS
CUMBERLAND POLICE BRK	2285	07	ALLEGANY	39 38	78 50W	970	17	17		H	MARYLAND STATE POLICE
DALECARLIA RESERVOIR	2325	04	DISTRICT OF	38 56	77 17W	150	17	17		H	U S CORPS OF ENGINEERS
DAMASCUS 3 SSW	2336	06	MONTGOMERY	39 16	77 14W	697	22	22		H	ROBERT J LEFFLER
EMMITSBURG 2 SE	2906	06	FREDERICK	39 41	77 18W	416	17	17		H	LUCILLE K BEALE
FREDERICK POLICE BRKS	3348	06	FREDERICK	39 25	77 26W	380	17	17		H	MARYLAND STATE POLICE
FROSTBURG 2	3415	07	ALLEGANY	39 40	78 56W	2168	07	07		H	KENNETH L CLOSE
GLENN DALE BELL STN	3675	04	PRINCE GEORG	38 58	76 48W	150	16	16		H	USDA PLANT INTRODUCT STN
HAGERSTOWN POLICE BRK	3980	07	WASHINGTON	39 37	77 44W	560	17	17		H	MARYLAND STATE POLICE
LAUREL 3 W	5111	04	PRINCE GEORG	39 6	76 54W	400	MID	MID		H	WA SUBURBAN SANITARY COM
MD SCI CTR BALTIMORE	5718	04	BALTIMORE (C	39 17	76 37W	20	MID	MID		C H	ASOS - NWS
MECHANICSVILLE 5 NE	5865	03	ST. MARY'S	38 27	76 41W	100	19	19		H	SANDRA J HASTINGS
MILLERS 4 NE	5934	06	CARROLL	39 43	76 48W	860	18	18		C H	BOBBY MILLER
MILLINGTON 1 SE	5985	05	KENT	39 16	75 52W	30	18	18		H	HOWARD L HARVEY
NATIONAL ARBORETUM DC	6350	04	DISTRICT OF	38 54	76 59W	50	07	07		H	US NATIONAL ARBORETUM
OAKLAND 1 SE	6620	08	GARRETT	39 24	79 24W	2420	17	17		H	BEA J CROSCO
POTOMAC FILTER PLANT	7272	06	MONTGOMERY	39 2	77 15W	270		08		H	POTOMAC WATER FILT PLANT
PRINCESS ANNE	7330	01	SOMERSET	38 13	75 41W	20	17	17		H	UNIV OF MD EASTERN SHORE
ROCKVILLE 1 NE	7705	06	MONTGOMERY	39 6	77 9W	440	MID	17		H	WASHINGTON GAS & ELEC CO
ROYAL OAK 2 SSW	7806	02	TALBOT	38 43	76 11W	10	18	18		H	JOHN L SWAINE JR
SALISBURY	8000	01	WICOMICO	38 22	75 35W	10	17	17		H	CITY OF SALISBURY
SALISBURY FAA ARPT #	8005	01	WICOMICO	38 20	75 31W	50	MID	MID		H	FAA
SAVAGE RIVER DAM	8065	08	GARRETT	39 31	79 8W	1495	08	08	08	C H	US CORPS OF ENGINEERS
SHARPSBURG 5 S	8207	07	WASHINGTON	39 24	77 43W	500	07	07		H	DAVID DOWNIN
SNOW HILL 4 N	8380	01	WORCESTER	38 14	75 23W	30	17	17		H	CURTIS E SHOCKLEY
UPPER MARLBORO 3 NNW	9070	04	PRINCE GEORG	38 52	76 47W	100	08	08	08	H	UNIVERSITY OF MARYLAND
VIENNA	9140	02	DORCHESTER	38 29	75 49W	10	18	18		H	DELMARVA POWER & LIGHT
WOODSTOCK	9750	06	BALTIMORE	39 20	76 52W	460	18	18		H	JOHN A HILTZ
<b>DELAWARE</b>											
DOVER	2730	02	KENT	39 9	75 31W	30	17	17		H	STATE HIGHWAY DEPT
GREENWOOD 2 NE	3595	02	SUSSEX	38 49	75 35W	45	07	07		H	DANIEL M SWARTZENTRUBER
LEWES	5320	02	SUSSEX	38 46	75 8W	15	17	17		H	BOARD OF PUBLIC WORKS
MILFORD 2 SE	5915	02	SUSSEX	38 54	75 26W	35	07	07		H	INACTIVE 09/01/1999
NEWARK UNIVERSITY FARM	6410	01	NEW CASTLE	39 40	75 44W	90	17	17	17	C H	UNIV OF DEL AGRIC FARM
WILMINGTON WSO ARPT	9595	01	NEW CASTLE	39 40	75 36W	74	MID	MID		C HJ	NATIONAL WEATHER SERVICE
WILMINGTON PORTER RSVR	9605	01	NEW CASTLE	39 46	75 32W	270	MID	MID		H	WILMINGTON WATER DEPT



## REFERENCE NOTES

### DEFINITIONS

**STATION NAMES:** Name of the city, town or locality. Figures and letters following the station names indicate the distance in miles and direction from the post office or town community center.

**DIVISIONS:** Areas within a state of similar climatological characteristics. Division averages are calculated using data from stations that record both temperature and precipitation (i.e. not precipitation alone).

**NORMALS:** The average value of the meteorological element over a time period. Effective 1 January 1993, the averaging period is 1961 to 1990. The normals for National Weather Service localities have been adjusted so as to be representative for the current observation site.

**MONTHLY DEGREE DAY TOTALS:** One heating (cooling) degree day is accumulated for each whole degree that the daily mean temperature is below (above) 65 degrees Fahrenheit.

**PRECIPITATION:** Values shown in hundredths of inches are water equivalent totals, i.e., total of liquid and melted frozen precipitation. In the "Monthly Summarized Data" table the total snow and sleet values shown in tenths of inches are unmelted amounts. The max depth on ground values of snow and sleet shown in whole inches are cumulative unmelted amounts. The number of days with .10, .50, 1.00 or more refers to water equivalents.

**PRECIPITATION QUALITY CONTROL:** The NCDC quality control process may delete precipitation data that are spatially inconsistent; exceed climatological limits, or are inconsistent with prevailing weather patterns.

**TEMPERATURE:** Original and edited temperature values are given in the "Daily Temperature" table. Edited values are produced when an original value is missing or when surrounding stations indicated a suspect original value. When a line labeled OBS is present and contains either a daily temperature (suspect) or \*\*\* (missing), the temperature appearing directly above, on the line labeled MAX or MIN, is an edited value. Summary temperature information (averages, departures, extremes, monthly degree day totals) is based on the values labeled MAX/MIN.

**WIND:** (As shown in the "Evaporation and Wind" table) the total wind movement in miles over the evaporation pan as determined by an anemometer recorder located 6-8 inches above the pan.

### SYMBOLS AND LETTERS USED IN THE STATION INDEX TABLE

# Thermometers located in a rooftop shelter.  
// Rain gage equipped with a windshield  
AR Observation made "after rain" has occurred.  
C Station is equipped with recording rain gage (R) but values in this bulletin are from a non-recording rain gage unless indicated by an R.  
G Observations appear in the "Soil Temperatures" table.  
H Observations appear in the "Snowfall and Snow on the Ground" table.  
J Station also published as a Local Climatological Data publication.  
MID Observation time is midnight.  
MO Rain gage read once monthly, usually the last day.  
OC Rain gage readings vary from a few weeks to several months.  
R Amounts from recording rain gage.  
SR Observation time near sunrise.

VAR Observation time varies.  
WI Rain gage read weekly or irregularly.  
WM Rain gage read weekly and last day of the month.

### SYMBOLS AND LETTERS USED IN THE DATA TABLES

(DAILY DATA ARE FOR THE 24 HOURS IMMEDIATELY PRECEDING OBSERVATION TIME.)

**BLANK** Entries in the "Monthly Summarized Data" table indicate no record. **BLANK** Entries in the "Daily Precipitation" and "Snowfall and Snow on the Ground" tables indicate zero.

**BLANK** Entries in the "Daily Temperature" table indicate a missing record where an edited value could not be determined. (See \*\*\* below)

- No record. Data not recorded, determined unreliable by quality control check, or not received in time for publication.

+ Precipitation or temperature extremes occurred on one or more previous dates during the month.

\*\*\* Missing original temperature which has been estimated during edit.

\* Rain gage not read. Precipitation is included in the amount following the asterisks. Time distribution not known. A \* preceding the monthly total indicates precipitation amount is being carried forward to next months total, and may include amounts from the previous month(s).

// Rain gage equipped with a windshield.

A Amount of precipitation is the total of observer's entries for the current month. It may include precipitation that occurred during the previous month. Refer to earlier bulletin to determine date of last reading. (Hawaii stations)

B Adjusted monthly value (estimated), (1-7 missing values for wind and evaporation).

M Insufficient or partial data. M is appended to average and/or total values computed with 1-9 daily values missing. M appears alone if 10 or more daily values are missing, (8 or more for wind and evaporation).

R Amounts from recording rain gage.

T Trace. An amount too small to measure.

V Includes total for previous month(s). (See \* above)

**SEASONAL TABLES:** Monthly and seasonal snowfall and heating degree days for the 12 months ending with the June data are published in the July issue of this bulletin. Cooling degree days for the calendar year are published in the "Climatological Data Annual Summary."

Information concerning the history of changes in locations, exposure, etc. of substations is kept on file at the National Climatic Data Center. Historical information of regular National Weather Service Offices may be obtained from the "Local Climatological Data" annual publication. The contents of this publication may be reprinted or otherwise used freely, with proper credit to the National Climatic Data Center. The data are also available in digital form on magnetic tape and diskette.

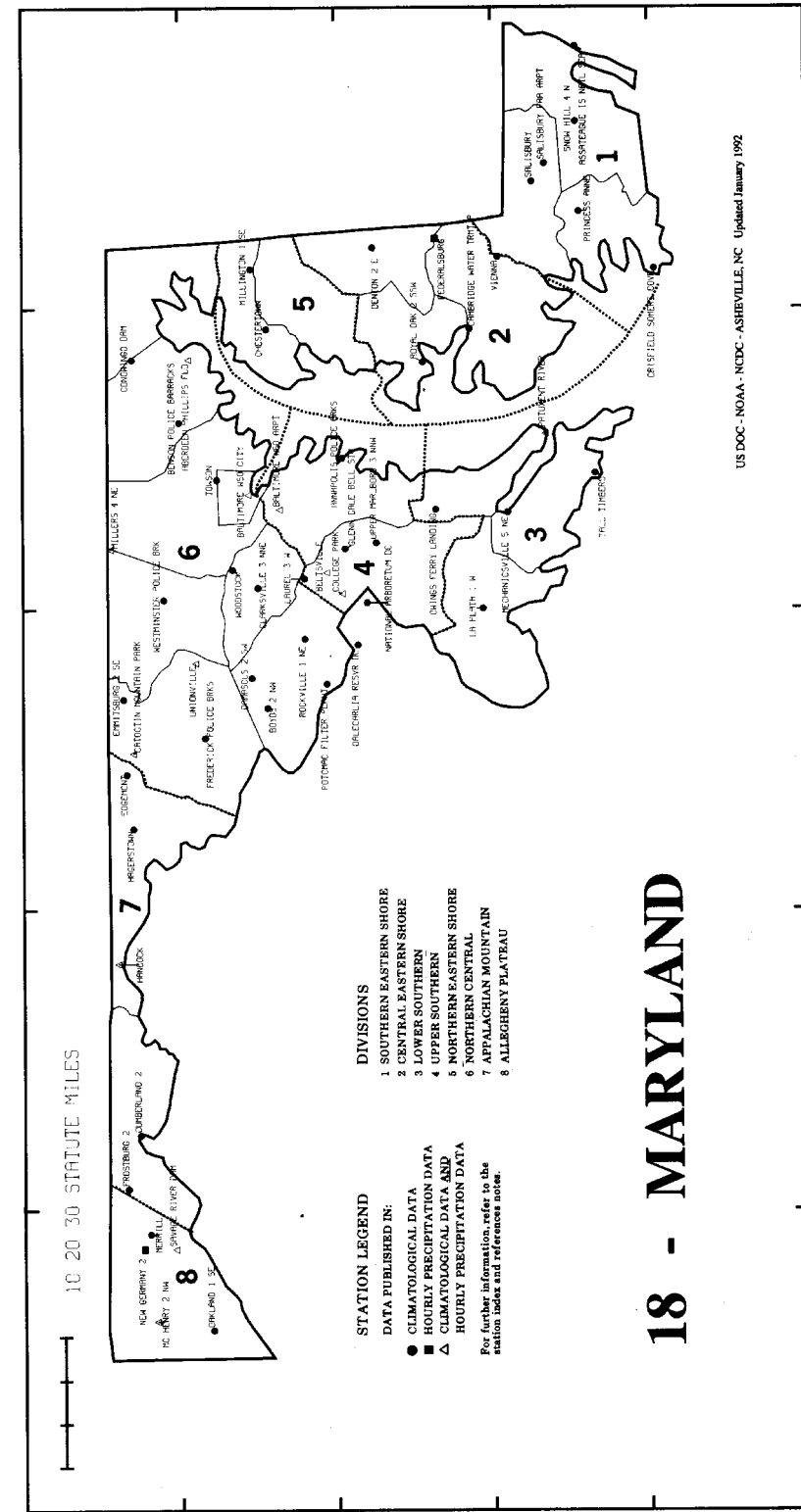
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ASHEVILLE, NC 28801-5001

40.0

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39.0

36.0

-80.0

-77.0

-76.0

- STATION LEGEND**
- DATA PUBLISHED IN:**
- CLIMATOLOGICAL DATA
  - HOURLY PRECIPITATION DATA
  - ▲ CLIMATOLOGICAL DATA AND HOURLY PRECIPITATION DATA
- For further information, refer to the station index and references note.
- DIVISIONS**
- 1 SOUTHERN EASTERN SHORE
  - 2 CENTRAL EASTERN SHORE
  - 3 LOWER SOUTHERN
  - 4 UPPER SOUTHERN
  - 5 NORTHERN EASTERN SHORE
  - 6 NORTHERN CENTRAL
  - 7 APPALACHIAN MOUNTAIN
  - 8 ALLEGHENY PLATEAU

# 18 - MARYLAND

40.0

40.0

10 20 30 STATUTE MILES

# 07 - DELAWARE

1

### STATION LEGEND

DATA PUBLISHED IN:

- CLIMATOLOGICAL DATA
- HOURLY PRECIPITATION DATA
- △ CLIMATOLOGICAL DATA AND HOURLY PRECIPITATION DATA

For further information, refer to the station index and references notes.

### DIVISIONS

- 1 NORTHERN
- 2 SOUTHERN

WILMINGTON PORTER RSVR

HEMLOCK UNIVERSITY FARM

WILMINGTON HSD BRCT

DOWR

2

MILFORD 4 SE

GREENWOOD 2 NE

LEWES

GEORGETOWN 5 SH

US DOC - NOAA - NCDC - ASHEVILLE, NC  
Updated January 1992

39.0

39.0

38.0  
-76.0

-75.5

-75.0

38.0

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